

ABSTRACT

A method of manufacturing a structural member of a vehicle includes the steps of preparing a steel essentially including Fe, 0.20-0.25 weight% of C, not more than 0.3 weight% of Si, 1.0-1.2 weight% of Mn, not more than 0.02 weight% of P, and not more
5 than 0.005 weight% of S. The method includes forming a structural member by pressing the steel and heat treating a portion of the structural member where a supplementary reinforcement is required for enhancing the strength of the structural member. The heat treating is performed by means of direct-heating, whereby a traditional reinforcing process can be eliminated and the weight of the structural member can be reduced.

10